

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

2910416

EVALUATION FOR
AGENCY USE ONLY~ MELBOURNE A-1471"
RSH**A. BACKGROUND**

1. Name of proposed project, if applicable:

**New Forest Practice Application
Timber Harvest & Road Construction**

2. Name of applicant:
- Weyerhaeuser Co.**

3. Address and phone number of applicant and contact person:

**2001 Blue Slough Rd
Cosmopolis, WA 98537
(360)537-8523**

4. Date checklist prepared:
- 8/10/04**

5. Agency requesting checklist:
- Department of Natural Resources**

6. Proposed timing or schedule (including phasing, if applicable):
- Immediate**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Adjacent forest land will be logged and reforested in the future.POSSIBLE FOREST
SPRAY.
RSH

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Forest Practices Application with geologic review attached.1) GEOTECH REPORT
DATED MARCH 25, 2004
2) EAGLE MANAGEMENT PLAN
3) CULTURAL PLAN/AGREEMENT WITH
TRIBE
4) WATER TYPE MODIFICATION
RSH

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

NoHPA FROM
WA. DEPT. OF
FISH & WILDLIFE
RSH

10. List any government approvals or permits that will be needed for your proposal, if known.

Forest Practice Application

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Even-aged harvest for 45 acres of mature timber containing a registered cultural site. The even-aged harvest unit will be accessed by constructing 6,670 feet of proposed road and abandoning 960 feet of an existing road.APPROXIMATE TIMBER
VOLUME = 1154300 BF
RSH

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Sec 15 – T17N – R07W, or more specifically

Latitude: 46° 57.7' North

Longitude: 123° 32.5' West

PART of PARCEL # 1707(57300)0
RSL
REFER to FPA # 2910416 FOR
MAP RSL

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

Rolling, interspersed with creek draws.

- b. What is the steepest slope on the site (approximate percent slope)?

80%

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Silt loam, Sandstone, Bedrock

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

See geology report submitted with Forest Practice Application for details on mass wasting information.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Filling and grading will be done during the construction of roads that will be used for timber harvest operations. Fill materials will be generated along road centerlines and/or borrowed from cutbanks of existing roads to be reconstructed. Fill quantities are negligible due to balanced cut and fill construction practices.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Road segments constructed across slopes in excess of 55% will be built to full-bench/endhaul standards, reducing the potential for fillslope failures. Ditchouts and culvert cross-drains will disperse water onto the forest floor.

ZENKER SOIL SERIES
RSL

REFERENCE MARCH 25, 2007
GEOTECH REPORT ASSOCIATED
WITH FPA # 2910416
RSL

REFER to FPA # 2910416
FOR ROAD INFORMATION
LOCATION RSL

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

None

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Road maintenance of ditches and culverts.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Road dust from log trucks (minimal). Exhaust from machinery used during road construction and logging operations (minimal).

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

None

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Several unnamed Type 3, 4, and 5 streams begin within the confines of the harvest unit. These streams are tributary to a named Type 2, Elizabeth Creek.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes, road construction is planned over and in three separate Type 5 streams. These streams are dry from early summer through mid Fall. Type 2, 3, and 4 streams are protected within no-cut riparian management zones or unstable leave areas. Logs outside of the RMZs will be felled and yarded away from these streams

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

Type 5 streams being constructed over and in are shown in the Forest Practice Application. The road fills are shallow and fill quantities are negligible. The source of fill material was stated previously in (1)(e) of this checklist.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Runoff intercepted by the road prism will be diverted to the forest floor.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

No

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Proper road construction practices and maintenance during logging activities. Logging activities will utilize low impact ground based equipment and leading end suspension to reduce ground/soil disturbance.

4. Plants

- a. Check or circle types of vegetation found on the site:

☒ deciduous tree: alder, maple, aspen, other
☒ evergreen tree: fir, cedar, pine, other
☒ shrubs
☒ grass
☐ pasture
☐ crop or grain
☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
☐ water plants: water lily, eelgrass, milfoil, other
☐ other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

All timber will be harvested, with the exception of trees within riparian management zones and unstable leave areas.

*Volume 2
APPENDIX 7
1,154,300 bft
RST*

- c. List threatened or endangered species known to be on or near the site.

None

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

None

*Replant Site Back
+ Double-Fill
RST*

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:
 mammals: deer, bear, elk, beaver, other:
 fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.

The proposed harvest unit is within 1/2 mile of a known bald eagle nest. An Eagle Management Plan was agreed to and signed by the Landowner and Washington Department of Fish & Wildlife on 8/25/04. The Eagle Management Plan is included with the Forest Practice Application.

- c. Is the site part of a migration route? If so, explain.

No.

- d. Proposed measures to preserve or enhance wildlife, if any:

The riparian management zones and unstable leave areas will preserve some wildlife habitat. Reforestation per forest practice requirements will re-establish a conifer timber stand.

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

None

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No

- 1) Describe special emergency services that might be required.

N/A

- 2) Proposed measures to reduce or control environmental health hazards, if any:

N/A

- b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Equipment used for constructing roads and harvesting timber during active operations. Work hours will be from dusk to dark.

- 3) Proposed measures to reduce or control noise impacts, if any:

None

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties?

Long term forest management

- b. Has the site been used for agriculture? If so, describe.

No

- c. Describe any structures on the site.

None

- d. Will any structures be demolished? If so, what?

No

- e. What is the current zoning classification of the site?

Forestland

- f. What is the current comprehensive plan designation of the site?

Forestland

- g. If applicable, what is the current shoreline master program designation of the site?

N/A

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

- i. Approximately how many people would reside or work in the completed project?

None

- j. Approximately how many people would the completed project displace?

None

- k. Proposed measures to avoid or reduce displacement impacts, if any:

None

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Chosen harvest methods will minimize soil disturbance. Best management practices for road maintenance will ensure long term road stability. Prompt reforestation and ongoing silvicultural activities will prepare the next crop of commercial forest.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None

- c. Proposed measures to reduce or control housing impacts, if any:

None

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

- b. What views in the immediate vicinity would be altered or obstructed?

None

- c. Proposed measures to reduce or control aesthetic impacts, if any:

None

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

- c. What existing off-site sources of light or glare may affect your proposal?

None

- d. Proposed measures to reduce or control light and glare impacts, if any:

None

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

These forest lands are privately owned and subject to controlled access.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

Yes - there is a registered cultural site within the proposed forest practice area.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

The cultural site is a registered site. There has been a meeting with Quinault Indian Nation and we have come to an agreement.

- c. Proposed measures to reduce or control impacts, if any:

There is an agreement with the Quinault Indian Nation on protection measures to control impacts caused by timber harvest activities.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Private logging roads will be used for logging and timber hauling. The haul route will follow private logging roads to Minkler County Road and then West to State Route 107.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No

- c. How many parking spaces would the completed project have? How many would the project eliminate?

None

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

See question 11 in section A.

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Approximately 10 log trips per day during harvest activities.

- g. Proposed measures to reduce or control transportation impacts, if any:

None

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

None

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Mark J. Hapala

Date Submitted: 8/25/04

REVIEWED BY: REK J. HAPALA Prof. Hapala RJH
DATE: 8/9/04